

Calendar

Wednesday, July 26

Fermilab ILC R&D meeting - Curia II

Speaker: J. Lykken, Fermilab

Title: The Physics Case for the ILC...in

24 Slides --more or less

3:30 p.m. DIRECTOR'S COFFEE

BREAK 2nd Flr X-Over

THERE WILL BE NO FERMILAB

COLLOQUIUM THIS WEEK

Thursday, July 27

2:30 p.m. Theoretical Physics Seminar - WH-3NE

Speaker: R. Zukanovich Funchal,

Universidade de São Paulo

Title: Direct Mixing Effects Versus

Induced Mass Matrix of Active Neutrinos

3:30 p.m. DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

4:00 p.m. Accelerator Physics and

Technology Seminar - Curia II

Speaker: R. Pasquinelli, Fermilab

Title: Noise in RF Systems

6:00 p.m. UTeV Lecture - Curia II

Speaker: M. Wascko, Imperial College

Title: Low Energy Neutrino Physics with

SciBooNE, A New Experiment at

Fermilab

[Click here](#) for a full calendar with links to additional information.

Weather



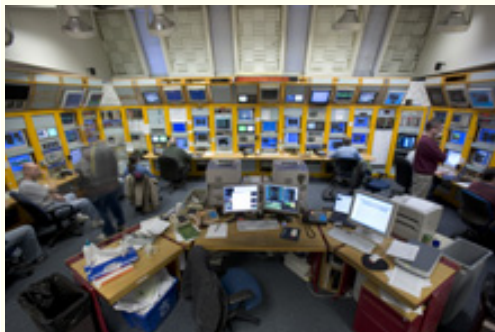
Chance of Showers **85°/67°**

[Extended Forecast](#)

[Weather at Fermilab](#)

Current Security Status

Tevatron back in full swing



Tevatron's Main Control Room

On Tuesday morning at 1:00 a.m., accelerator operators completed the best store of Run II so far. Tevatron store 4851 began producing collisions on Sunday morning at 8:30 a.m. with a peak luminosity of 168E30, the second best initial luminosity any store at Tevatron has ever had.

More important, the store kept providing collisions for more than 40 hours, providing an average integrated luminosity of 7.7 inverse picobarns for both CDF and DZero. It was the most productive single store in Tevatron history. Three years ago, the Tevatron needed an entire week to produce this much luminosity, using several stores with lower peak luminosity.

The integrated luminosity for all of last week was 22.7 inverse picobarns, the third-best week of Run II.

--Kurt Riesselmann

Fermilab Barnstormers are flying high nationwide

From the ES&H

'First do no harm' offers a strong safety principle

This week's column features Bill Griffing, director of Fermilab's Environment, Safety and Health Section.

The familiar dictum "First, do no harm" is often used in the medical profession and sometimes by environmentalists in contemplating actions. I think it also has utility in safety, as we go about our daily work here at Fermilab.



Bill Griffing

Imagine how much safer our site roadways and parking lots would be if we all said, "First, do not harm" when we seated ourselves behind the wheels of our cars, trucks, or forklifts. But we don't. In my own experience, I know the more often we do a task, the more we squeeze the obvious hazards out of our consciousness. We take on risks, inadvertently in most cases, for ourselves and our co-workers. In safety policy, we call this "complacency." Our injury reports say that greater "vigilance" is required.

How many of you as parents have called a "Time Out" when your kids acted recklessly? I have, and it generally brings the desired result--to have them settle down and reflect on their behavior. We might all benefit by occasionally calling a "Time Out" on ourselves. As a highly self-motivated work force, we sometimes

Secon Level 3

Wilson Hall Cafe

Wednesday, July 26

- Creamy Mushroom Chicken Soup
- Texas Style Meatloaf Sandwich
- Chicken Wellington
- Italian Sausage w/Peppers
- Smoked Turkey Panini Pesto Mayo
- Assorted Slice Pizza
- Chicken Alfredo Fettuccine

The Wilson Hall Cafe accepts Visa, Master Card, Discover and American Express.

[Wilson Hall Cafe Menu](#)

Chez Leon

Wednesday, July 26

Lunch

- Danish Open Sandwiches
- Cucumber Salad w/Dill
- Apple Walnut Cake w/Crème Chantilly

Thursday, July 27

Dinner

- Grilled Calamari w/Garlic and Peppers
- Lamb Rib Chops
- Capponata
- Cannellini Bean Puree
- Gran Marnier Soufflé

[Chez Leon Menu](#)

Call x4598 to make your reservation.

Search

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Info



Fermilab Guest Scientist Jay Hoffman won this R/C trainer airplane in a recent Barnstormer raffle. (Click to see view from an airborne Barnstormer plane.)

For more than 25 years, Fermilab scientists have been flying high over the cornfields next to site 39. The Fermilab Barnstormers offer the opportunity to fly radio-controlled model airplanes at sometimes startling speeds. "I have been doing this for over 25 years," said club president Jim Zagel of the Accelerator Division, "and while some of us like to compete, for me it's always just been a lot of fun."

The club, in existence since 1970, has about thirty members and meets officially once a month. "Really though, anytime the weather's nice enough we're out here, during lunch time, flying," said club secretary Andreas Jannsson of the Tevatron department. Some members are retired Fermilab scientists who make sure to visit the Frelø airfield at site 38 whenever they're on site.

Club members are also competitive. Barnstormer Kurt Krempetz, of PPD, holds national titles in two indoor classes. On July 11, Sasha Valishev of the Tevatron department took first place in the National Championships, in Muncie, Indiana, in control line speed flying. Control line planes are linked by wire to the operator, rather than by radio control.

drive ourselves so hard that we blind ourselves to obvious hazards.

While getting a cup of coffee recently, I saw someone descending the steps to the atrium at about 5 mph, taking two or three steps with each leap. Back in my office, looking down at the main ring road, I saw someone driving about 60 mph on a road that's posted at half that speed. In both cases I asked myself: "What are these people thinking? What is the hurry?"

When you see other people engaging in risky behavior, I hope you'll have the courage to say something. At least promise to think about your own actions when you get ready to perform a task. Remember: "First, do no harm."

Next week: Dave Carlson, Business Services

Milestones



35 Year Service Award Group Photo: David Ritchie, Ronald Davis, Karen Carew, Steve Holmes (Directorate)



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Valishev's plane flew the 1-km distance in less than 13 seconds, a speed of 174 mph. The three best flyers from last year's National competition were attending the World Championships, held every other year. "I look forward to competing with them next year and hopefully making the national team for 2008," said Valishev.

The group is always looking for new enthusiasts, and will help new members to get started. Do you have the right stuff? --Ben Berger

The Barnstormers will have trainer airplanes available to fly on the Frelø airfield today at noon. Everyone is welcome.

In the News

BBC News, July 25, 2006: UK physics funding to be revamped

The way in which the physical sciences are organised and publicly funded in the UK is to be revamped.

The government will create a Large Facilities Council to focus efforts on major projects such as big telescopes and particle physics experiments.

This will merge two existing bodies: the Particle Physics and Astronomy Research Council and the Central Laboratory of the Research Councils.

The government wants the new council to take over by 1 April 2007.

It will take responsibility for particle physics, astronomy, space science, nuclear physics, synchrotron radiation, neutron sources and high-power lasers, and will manage the Rutherford Appleton

30 Year Service Award Group Photo:
Gerald Dychakowsky, Peter Garbincius, Linda Stutte, Robert Hively, Steve Holmes (Directorate)



25 Year Service Award Group Photo: Front row: Harry Ferguson, Sharon Austin, Estia Eichten, Bruce Chrisman (Directorate), back row: Alan Baumbaugh, Michael Kucera, Craig McClure, Gregory Gilbert

Announcements

East entrance to close this Saturday

On Saturday, July 29, the Batavia Road east entrance will close for road seal coating and striping. The entrance will be reopened Sunday morning, July 30, at 6:00 a.m. The bicycle path will remain open during this period.

Fermilab Barnstormers today

Fermilab Barnstormers will have trainer airplanes available to fly today at noon on the Model Airplane field across from the Pioneer Cemetery (rain date on Thursday). Come out to try your hand at flying models and learn what our hobby can offer. For more information, please contact Alan Hahn, x2987, or Rick Mahlum, x4316.

NALWO coffee hour today

The Housing Office welcomes Fermilab women, guests and visitors to a coffee gathering at the picnic grounds of Kuhn Barn (or in Kuhn Barn, in case of rain) today, July 26, from 10:30 a.m. to 12:00 p.m. Please join us for casual conversation and light refreshments; children are also welcome. If you have questions, please contact Cynthia at

and Daresbury laboratories. Its budget in 2007-08 will be about £530m.

Many of the big questions now in physics and astronomy can only be answered with grand projects involving large facilities and undertaken by international partners. So refocusing the UK's efforts in this area should allow the country's science community to speak with "one voice" in these ventures.

Examples of big facility projects with UK involvement include the Large Hadron Collider (LHC) at Cern on the French-Swiss border, the European Southern Observatory telescopes in Chile, and the Diamond Synchrotron in Oxfordshire.

[Read More](#)

cynalbr@earthlink.net or at 630.232.7476. Fermilab IDs are no longer required to enter the lab, but you will need photo identification.

Unix Users meeting today

There will be a Unix users meeting Wednesday, February 26, at 1 p.m. in Curia II.

International Folk Dancing

International Folk Dancing will meet Thursday, July 27, in Ramsey Auditorium in Wilson Hall. Dancing begins at 7:30 p.m. with teaching earlier in the evening and request dancing later on.

Newcomers are welcome and you do not need to come with a partner. Info at 630-584-0825 or 630-840-8194 or folkdance@fnal.gov.

[Upcoming Activities](#)